Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

5   1 (currently amended): A method for transmitting a MAC service data unit (MSDU) in a network system, the MSDU having a plurality of pieces of frame data, the method comprising:

receiving the pieces of frame data of the MSDU; and

~~when finishing receiving each piece of frame data, even if not all of the pieces of~~

10   ~~frame data of the MSDU have been received,~~ converting [[the]] each received piece of frame data into a MAC protocol data unit (MPDU) and outputting the MPDU, wherein for at least one of the plurality of pieces of frame data, converting begins prior to having received all of the plurality of pieces of frame data of the MSDU.

15   2 (original): The method of claim 1 wherein the network system is a wireless network system.

3 (original): The method of claim 2 wherein the received piece of frame data is converted into the MPDU according to the IEEE 802.11 standard.

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4 (currently amended): A network device comprising:

an I/O interface ~~for receiving~~ to receive a MAC service data unit (MSDU) which has a plurality of pieces of frame data;

a buffer ~~for storing~~ to store the pieces of frame data received by the I/O interface;

25   and

a control circuit ~~for controlling~~ to control operations of the network device and ~~for converting~~ to convert the pieces of frame data stored in the buffer into MAC protocol data units (MPDUs);

wherein the control circuit is configured to begin converting at least one ~~each~~

30   ~~time when the I/O interface receives each piece of frame data, even if the I/O interface~~

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~~has not received all of the pieces of frame data of the MSDU, the control circuit converts the~~ received piece of frame data into a corresponding MPDU <u>prior to having received all of the plurality of pieces of frame data of the MSDU</u> ~~and outputs the corresponding MPDU~~.

5   5 (original): The network device of claim 4 further comprising an antenna for wirelessly transmitting the MPDUs.

6 (original): The network device of claim 5 wherein the control circuit converts

10   the pieces of frame data of the MSDU into the MPDUs according to the IEEE 802.11 standard.

7 (new): A device comprising:

an interface to receive a MAC service data unit (MSDU), the MSDU comprising

15   a plurality of pieces of data; and

a controller to convert the plurality of pieces of data into MAC protocol data units (MPDU), the controller being configured to begin converting at least one received piece of data into a corresponding MPDU prior to having received all of the plurality of pieces of data of the MSDU.

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